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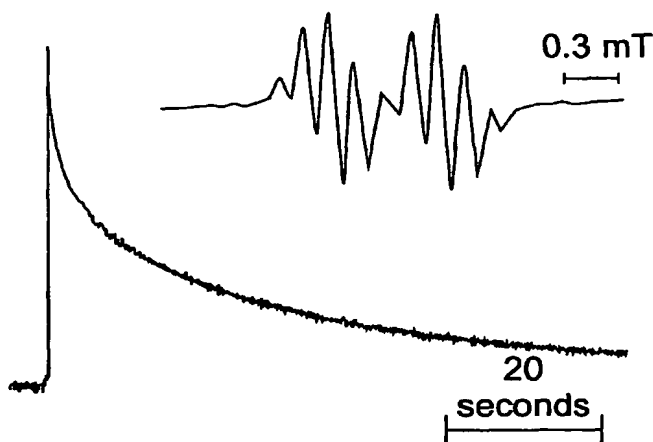
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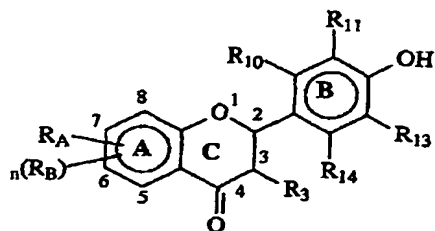
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- (71) Applicant (for all designated States except US): ROWETT RESEARCH INSTITUTE [GB/GB]; Greenburn Road, Bucksburn, Aberdeen AB21 9SB (GB).
- (72) Inventors; and
(75) Inventors/Applicants (for US only): CALDWELL, Stuart, Thomas [GB/GB]; 93 Nethergreen Crescent, Renfrew PA4 8HU (GB). BENNETT, Christopher, James [GB/GB]; Flat 2/2, 20 Blantyre Street, Glasgow G3 8AP (GB). HARTLEY, Richard, Charles [GB/GB]; 56 Speirs Road, Bearsden, Glasgow G61 2LU (GB). MCPHAIL, Donald, Barton [GB/GB]; 8 Thorngrove Place, Aberdeen AB15 7FJ (GB). DUTHIE, Garry, Graeme [GB/GB]; 1 Gladstone Place, Queen's Cross, Aberdeen AB10 6UX (GB).
- (74) Agent: MURGITROYD & COMPANY; Scotland House, 165-169 Scotland Street, Glasgow G5 8PL (GB).
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(54) Title: FLAVONOID COMPOUNDS AS THERAPEUTIC ANTIOXIDANTS



(57) Abstract: Novel flavonoid compounds having anti-oxidant activity are described. Formula (1). The compounds have been shown to exhibit anti-oxidative properties in biological systems and their utility in a sunscreen or skincare composition or to treat conditions involving oxidative damage, especially curative or prophylactic treatment of Alzheimer's disease or ischaemia-reperfusion and injury, is described.





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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C07D311/30 C07D311/32 A61K31/35 A61P39/00		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07D A61K		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, CHEM ABS Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE MEYER ET AL: "4'-Hydroxy-3-methoxyflavones with potent antipicornavirus activity" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, US, vol. 34, 1991, pages 736-746, XP002101672 ISSN: 0022-2623 Cpds. 4,5 page 739; table I ----- -/--	1,6,8
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *8* document member of the same patent family		
Date of the actual completion of the international search 6 November 2003		Date of mailing of the international search report 04/12/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016		Authorized officer Fritz, M

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	--- SUTTHIVAIYAKIT S ET AL: "Diterpenylated and prenylated flavonoids from Macaranga denticulata" TETRAHEDRON, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 58, no. 18, 29 April 2002 (2002-04-29), pages 3619-3622, XP004350379 ISSN: 0040-4020 Cpds. 1,4 on p. 3619 the whole document	1-45
Y	--- US 5 280 024 A (ROLLAND YVES ET AL) 18 January 1994 (1994-01-18) the whole document -----	1-45

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